```
Set     Items   Description
S1      131     AU=(NEELAKANTAN, S? OR NEELAKANTAN S?)
S2        6     S1 AND ABSTRACT?
S3        0     S1 AND SEARCH?
File    2:INSPEC 1969-2004/Oct W4
          (c) 2004 Institution of Electrical Engineers
File    6:NTIS 1964-2004/Oct W5
          (c) 2004 NTIS, Intl Cpyrght All Rights Res
File    8:Ei Compendex(R) 1970-2004/Oct W4
          (c) 2004 Elsevier Eng.  Info. Inc.
File   34:SciSearch(R) Cited Ref Sci 1990-2004/Oct W5
          (c) 2004 Inst for Sci Info
File   35:Dissertation Abs Online 1861-2004/Oct
          (c) 2004 ProQuest Info&Learning
File   65:Inside Conferences 1993-2004/Oct W5
          (c) 2004 BLDSC all rts. reserv.
File   92:IHS Intl.Stds.& Specs. 1999/Nov
          (c) 1999 Information Handling Services
File   94:JICST-EPlus 1985-2004/Oct W1
          (c)2004 Japan Science and Tech Corp(JST)
File   95:TEME-Technology & Management 1989-2004/Jun W1
          (c) 2004 FIZ TECHNIK
File   99:Wilson Appl. Sci & Tech Abs 1983-2004/Sep
          (c) 2004 The HW Wilson Co.
File  103:Energy SciTec 1974-2004/Oct B2
          (c) 2004 Contains copyrighted material
File  144:Pascal 1973-2004/Oct W4
          (c) 2004 INIST/CNRS
File  202:Info. Sci. & Tech. Abs. 1966-2004/Nov 02
          (c) 2004 EBSCO Publishing
File  233:Internet & Personal Comp. Abs. 1981-2003/Sep
          (c) 2003 EBSCO Pub.
File  239:Mathsci 1940-2004/Dec
          (c) 2004 American Mathematical Society
File  275:Gale Group Computer DB(TM) 1983-2004/Nov 05
          (c) 2004 The Gale Group
File  434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
          (c) 1998 Inst for Sci Info
File  647:CMP  Computer Fulltext 1988-2004/Oct W4
          (c) 2004 CMP Media, LLC
File  674:Computer News Fulltext 1989-2004/Sep W1
          (c) 2004 IDG Communications
File  696:DIALOG Telecom. Newsletters 1995-2004/Nov 04
          (c) 2004 The Dialog Corp.
```

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 Set     Items    Description
 S1    1008498    AUTOMATIC? OR INSTINCTIVE? OR SPONTANEOUS? OR INVOLUNTARY?
                  OR IMPULSIVE?
 S2    5588668    GENERAT? OR REPRODUC? OR CREATE OR CREATING OR PRODUC?
 S3    1942732    DYNAMIC? OR LIVE? OR INSTANT? OR REALTIME OR REAL()TIME OR
                  PRESENT? OR CURRENT? OR IMMEDIATE? OR ON()FLY
 S4     112773    ABSTRACT? OR ABRIDGMENT? OR BRIEF? OR CONDENSATION OR SYNO-
                  PSIS
 S5      78292    CRAWLER? OR (INTERNET OR WEB OR SOFTWARE)()(AGENT? OR ROBO-
                  T?) OR SPIDER? OR SPYDER? OR INTELLIGENT()AGENT? OR SOFTBOT? -
                  OR IA OR BOT OR BOTS
 S6          2    CRAWLING(N)(DOCUMENT? OR FILE? OR TEXT? ? OR RECORD? ? OR -
                  REPORT? ? OR BRIEF? ? OR INFORMATION)
 S7       2208    METADATA OR META()DATA
 S8      12238    (LINK? OR CONNECT? OR INTERFACE? OR JOIN? OR UNITE?)()(DATA
                  OR INFORMATION)
 S9    1988659    CACHE? OR REGISTER OR MEMORY OR STORAGE OR BUFFER? OR REPO-
                  SITORY
 S10   1133260    SAVE? ? OR SAVING OR STORE OR STORING OR KEEP OR KEEPING OR
                  PRESERV?
 S11   2824072    ACQUIRE? OR GET OR RETRIEVE? OR OBTAIN? OR PROCURE? OR CALL
                  OR FETCH?
 S12   6067044    ENGINE? OR MODULE? ? OR ENGINE? OR COMPONENT? ? OR ELEMENT?
                  ? OR ROUTINE? OR APPLICATION? OR PROGRAM? OR DATABASE? OR DA-
                  TA()BASE?
 S13    190254    INDEXING OR INDEX OR INDEXES OR INDICES
 S14         8    S1 AND S2 AND (S3(2N)S4)
 S15         0    S5 AND S6
 S16         0    S5 AND S11 AND (S7 (3N) S8)
 S17      2575    S5 AND S11 AND (LINK? OR CONNECT? OR INTERFACE? OR JOIN? OR
                  UNITE?)
 S18         5    S17 AND S7
 S19         2    S9 AND S8 AND S10 AND S5
 S20         3    (S4 (2N) S12) AND S2 AND S4 AND S7
 S21         0    (S12 (2N) S13) AND S13 AND S7 AND S8
 S22         0    S12 AND S13 AND S7 AND S8
 S23         3    S3 AND S7 AND S8
 S24     25620    (SEARCH? OR QUEST? OR PURSU? OR SEEK? OR QUER? OR MATCH?)(-
                  2N)S12
 S25         0    S23 AND (CONTAIN? OR INCLUDE? OR HOLD? OR ENCLOSE? OR WRAP-
                  ?) AND NEW()S8
 S26         0    S23 AND NEW()S8
 S27         3    S23 AND S8
 S28        23    S6 OR S14 OR S18 OR S19 OR S20 OR S23 OR S27
 S29        15    S28 AND IC=G06F?
 S30        62    S1 AND S2 AND (SEARCH? OR QUEST? OR PURSU? OR SEEK? OR QUE-
                  R? OR MATCH?) AND S4
 S31        36    S30 AND IC=G06F?
 S32        26    S31 AND IC=(G06F-017? OR G06F-007?)
 S33        25    S32 NOT S29
File 347:JAPIO Nov 1976-2004/Jul(Updated 041102)
        (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200471
        (c) 2004  Thomson Derwent
```

DIALOG(R)File 347:JAPIO

06192813   **Image available**
SYSTEMATIZED   KNOWLEDGE   ANALYZING   METHOD   AND   DEVICE   THEREFOR,   AND
CLASSIFYING METHOD AND DEVICE THEREFOR

PUB. NO.:   11-134364 [JP 11134364 A]
PUBLISHED: May 21, 1999 (19990521)
INVENTOR(s):   GO ATOU
                FUJII FUJIKI
                SAKAGUCHI MANABU
                SOGO TAIJI
                SAWADA AKIRA
APPLICANT(s):   OMRON CORP
APPL. NO.:   09-316245 [JP 97316245]
FILED: October 31, 1997 (19971031)
INTL CLASS: **G06F-017/30**

ABSTRACT
PROBLEM TO BE SOLVED: To provide a systematized knowledge analyzing device
and classifying device for extracting a prescribed terminal class suited to
the content of an unclassified document, and relating them even when the
state of structured data is not sufficiently known.
SOLUTION: In a systematized knowledge analyzing device 10, existing
structured data and document information related with this are obtained,
while a keyword extraction processing is operated to a document belonging
to the same terminal class of the structured data, and a feature vector
constituted of a significant word and weight is **generated** by a knowledge
system dictionary preparing part 12, and the feature vector is stored as
the feature of the terminal class with the obtained information in a
classifying system knowledge dictionary 13. At the time of obtaining an
unclassified document, the keyword extraction processing is operated, and
the feature vector is **generated** by an information **abstracting** part 22
of an **automatic** classifying device 20, and the **matching** of the feature
vector with the preliminarily registered feature vector of each terminal
class is operated by an information classifying part 23, and allocation to
the terminal class whose **matching** level is high is operated.

DIALOG(R)File 347:JAPIO

06057165   **Image available**
ABSTRACT EDITING DEVICE

PUB. NO.:   10-340265 [JP 10340265 A]
PUBLISHED: December 22, 1998 (19981222)
INVENTOR(s):   IWABUCHI TAMOTSU
APPLICANT(s):   MARUZEN KK [327996] (A Japanese Company or Corporation), JP
                (Japan)
APPL. NO.:   10-077863 [JP 9877863]
FILED: March 25, 1998 (19980325)
INTL CLASS: [6] **G06F-017/27 ; G06F-017/30**
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT
PROBLEM TO BE SOLVED: To **automatically** edit an **abstract** of high
completeness by judging characteristics of a document to be edited and
editing it in details **matching** with the characteristics.

SOLUTION: A document characteristic judging part 1 judges characteristics
of a document inputted to an **abstract** editing device and an **abstract**

' editing part 2 genera⬤ an **abstract** of the doc⬤t containing
specific words and phrases according to the judged result. Then, a specific
word and phrase retrieval part 10 included in the judging part 1 judges
whether or not the inputted document includes a specific word or phrase
such as 'judicial decision'. Further, an **abstract** editing part 11 edits a
document, which includes no specific word or phrase into an **abstract** and
a re-editing process judging part 12 judges whether or not the edited
abstract needs to be re-edited or not by judging a distribution of
important sentences including important words of the **abstract** .
Consequently, the best **abstract** of the document can **automatically** be
edited by **automatically** recognizing characteristics of the document and
this device is able to **automatically** edit **abstracts** of the document
having different characteristics by itself.

33/5/7   (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015644920   **Image available**
WPI Acc No: 2003-707103/200367
XRPX Acc No: N03-56482X
  Keyword index updating method for data search **applications, involves
  receiving** query **from user and updating keyword index so that modified
  keyword list including user's** query **in keyword linked to** searched
  data object
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: COLE A G; RAVIN Y; SACHAR H E
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6571239	B1	20030527	US 2000463825	A	20000131	200367	B

Priority Applications (No Type Date): US 2000463825 A 20000131
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6571239	B1		11	G06F-017/30	

Abstract (Basic): US 6571239 B1
     NOVELTY - A data object corresponding to user's **query** is
retrieved from the repository by **search** engine in response to user's
query . The keyword index is updated to form a modified keyword list
which includes associated **query** in keywords linked to retrieved data
object.
     DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:
     (1) data object **search** apparatus;
     (2) article of manufacture comprising computer usable medium; and
     (3) computer program **product** comprising computer usable medium
storing computer readable program code.
     USE - For incrementally updating and modifying keyword index for
searching data object e.g. document, **abstract** , image pattern in
repository.
     ADVANTAGE - Prevents mismatch between the keyword employed by user
and the manual or **automatically** assigned keyword, by updating keyword
based on user's **query** .
     DESCRIPTION OF DRAWING(S) - The figure shows a flowchart explaining
keyword and data object association process.
     pp; 11 DwgNo 2/5
Title Terms: KEYWORD; INDEX; UPDATE; METHOD; DATA; **SEARCH** ; APPLY; RECEIVE
  ; **QUERY** ; USER; UPDATE; KEYWORD; INDEX; SO; MODIFIED; KEYWORD; LIST;
  USER; **QUERY** ; KEYWORD; LINK; **SEARCH** ; DATA; OBJECT
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

013780753   **Image available**
WPI Acc No: 2001-264964/200127
Related WPI Acc No: 1993-267344; 1993-267345; 1993-267346; 1999-539717
XRPX Acc No: N01-189428
   Information retrieval system for report mining, using generated **virtual tables and database that define line patterns by type and establishing links that facilitate extraction**
Patent Assignee: SUNGARD EPROCESS INTELLIGENCE INC (SUNG-N)
Inventor: CHANDY V S; STEINHART E C; WU A; YOUNG K W
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6185560	B1	20010206	US 9860655	A	19980415	200127	B

Priority Applications (No Type Date): US 9860655 A 19980415
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6185560	B1		21	G06F-017/30	

Abstract (Basic): US 6185560 B1
       NOVELTY - **Automatically generates** virtual tables defining line patterns by type, based on location and frequency of occurrence in report and establishes links among those definitions to facilitate data extraction. Creates a virtual database of structural patterns and **generates** virtual records from the virtual database in response to user **queries** .
       DETAILED DESCRIPTION - Permits fully automated **abstraction** of patterns used in report based data streams. Enables **abstracting** of patterns existing as complete text lines in a report. Stipulates each and every line of data in report must **match** a pattern, and which addresses exceptions by either **creating** new patterns or modifying an existing pattern to include the exception.
       Abstracts well defined collection of non-overlapping patterns from report. Effectively disregards page breaks and non-significant text blocks in defining patterns.
       USE - End user access for **query** of business information reports.
       ADVANTAGE - Provides an improved report mining information retrieval system, which permits the data to be accessible for **query** by ordinary end users, as if the data were in a database, while retaining the inherent logic of the report design and the look and feel of the image format of the report.
       DESCRIPTION OF DRAWING(S) - Report mining information retrieval
. system block diagram.
       pp; 21 DwgNo 3C/13
Title Terms: INFORMATION; RETRIEVAL; SYSTEM; REPORT; MINE; **GENERATE ;** VIRTUAL; TABLE; DATABASE; DEFINE; LINE; PATTERN; TYPE; ESTABLISH; LINK; FACILITATE; EXTRACT
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

012866489   **Image available**
WPI Acc No: 2000-038322/200003
XRPX Acc No: N00-028924
   Integrated computer aided software engineering repository meta model system for software process methodology
Patent Assignee: KOREA ELECTRONICS & TELECOM RES INST (KOEL-N); KOREA ELECTRONICS & TELECOM RES (KOEL-N); ELECTRONICS & TELECOM RES INST

(ELTE-N)
Inventor: LEE H G; SHIN G S; LEE H K
Number of Countries: 002   Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5995969	A	19991130	US 982386	A	19980102	200003	B
KR 99032818	A	19990515	KR 9753970	A	19971021	200030	
KR 269258	B1	20001016	KR 9753970	A	19971021	200138	

Priority Applications (No Type Date): KR 9753970 A 19971021
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5995969	A		15	G06F-017/30	
KR 99032818	A			G06F-017/40	
KR 269258	B1			G06F-017/40	

Abstract (Basic): US 5995969 A
      NOVELTY - Computer aided software engineering (CASE) repository
(407) stores information of integrated CASE meta model using entity
relationship model. The CASE repository is connected to meta entity
type and relationship type instance **generator** (403), entity type and
relationship type table **generator** (404), meta entity type and
relationship type **searcher** (405) and entity type and relationship
type **searcher** (406).
      DETAILED DESCRIPTION - An integrated CASE metal model (402)
connected to user interface, models as entities and directional
relationships according to type and meaning of information of
components of integrated CASE tool for processor, using entity
relationship model of conceptual modeling technique. From the
integrated CASE metal model, meta entity type and meta relationship
type instances, and entity type and relationship type tables are
generated by respective **generators** (403,404) connected to user
interface. Based on the **generated** instances and tables, meta entity
type and meta relationship type and entity type and relationship type
are **searched** by respective **searchers** (405,406) connected to user
interface. An INDEPENDENT CLAIM is also included for integrated
supporting method.
      USE - For process methodology used for developing high quality
softwares.
      ADVANTAGE - The repository **automatically** and integratedly manages
information of analysis and design for structured techniques supporting
the software development process, to provide standardization and full
automation of software development process and sharing of information
between the CASE tools.
      DESCRIPTION OF DRAWING(S) - The figure shows architecture of
abstracting system of integrated CASE repository.
      Generators (403,404)
      Searcher (405,406)
      CASE repository (407)
      pp; 15 DwgNo 4/8
Title Terms: INTEGRATE; COMPUTER; AID; SOFTWARE; ENGINEERING; REPOSITORY;
  META; MODEL; SYSTEM; SOFTWARE; PROCESS
Derwent Class: T01
International Patent Class (Main): **G06F-017/30 ; G06F-017/40**
File Segment: EPI

33/5/15   (Item 13 from File: 350)

012765399   **Image available**
WPI Acc No: 1999-571527/199948
Related WPI Acc No: 2000-181938
XRPX Acc No: N99-421171
  **Computerized information retrieval system operating method for natural
  language processing techniques**

Patent Assignee: UNIV SYRAC● (UYSY-N)
Inventor: LI M; LIDDY E D; MCKENNA M E; PAIK W
Number of Countries: 001   Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5963940	A	19991005	US 952451	A	19950816	199948	B
			US 952452	A	19950816		
			US 952453	A	19950816		
			US 952470	A	19950816		
			US 952471	A	19950816		
			US 952472	A	19950816		
			US 96698472	A	19960814		

Priority Applications (No Type Date): US 96698472 A 19960814; US 952451 P
   19950816; US 952452 P 19950816; US 952453 P 19950816; US 952470 P
   19950816; US 952471 P 19950816; US 952472 P 19950816
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5963940	A		43	G06F-017/30	Provisional application US 952451
					Provisional application US 952452
					Provisional application US 952453
					Provisional application US 952470
					Provisional application US 952471
					Provisional application US 952472

Abstract (Basic): US 5963940 A
     NOVELTY - A natural language **query** specifying information to be
retrieved is received and discourse aspects such as temporal or
intention information is determined based on detecting evidence sources
from **query** .
     DETAILED DESCRIPTION - A score for each determined discourse aspect
is **generated** by statistical evidence combination method using
regression formula, and when the score exceeds a threshold score, an
alternate representation of **query** is **generated** . The documents in
the database are processed to tag for discourse aspects. The alternate
representation is **matched** against the database by determining a
measure of relevance for each document and a set of documents
satisfying a retrieval criterion is provided.
     USE - For natural language processing.
     ADVANTAGE - The user is able to interact with the system and refine
systems interpretation. Higher order **abstractions** existing in human
communication above word level are detected. The system **automatically**
sorts, ranks and displays documents relative to **query** of any length
and complexity.
     DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
document processor.
     pp; 43 DwgNo 3/20
Title Terms: INFORMATION; RETRIEVAL; SYSTEM; OPERATE; METHOD; NATURAL;
   LANGUAGE; PROCESS; TECHNIQUE
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

   33/5/16   (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

012755133   **Image available**
WPI Acc No: 1999-561250/199947
XRPX Acc No: N99-414705
   Document condensation **method using** automatic **indexing techniques for
   providing** synopsis **of document**
Patent Assignee: DIGITAL EQUIP CORP (DIGI)
Inventor: FLEISCHER R J
Number of Countries: 001   Number of Patents: 001
Patent Family:

Priority Applications (No Type Date): US 97805780 A 19970225
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 5960383   A   10 G06F-017/27

Abstract (Basic): US 5960383 A
        NOVELTY - The document is divided into sections which are compared
    with noun phrases. For each **match** , a count is incremented to obtain a
    final score from which the document sections are ranked, stored in
    memory and top sections are identified which are copied from document
    in original order to **produce** a **synopsis** .
        DETAILED DESCRIPTION - Noun phrases are **automatically** extracted
    from document, weightages are assigned and stored in memory. A natural
    language processor, clarit, is used to identify and rank the noun
    phrases. Ranking determines the number of times a noun phrase appears
    within the document as well as the frequency with which the noun phrase
    is typically used in English. The document is divided into sections
    such as lines, sentences, paragraphs or chapters. AN INDEPENDENT CLAIM
    is also included for the apparatus for **automatically** condensing a
    document.
        USE - In text management for providing a **synopsis** of material
    contained in a document to a reader.
        ADVANTAGE - The subject matter of a document as a whole is
    determined more precisely.
        DESCRIPTION OF DRAWING(S) - The figure shows the flow chart of the
    document **condensation** processes.
        pp; 10 DwgNo 5/5
Title Terms: DOCUMENT; **CONDENSATION** ; METHOD; **AUTOMATIC** ; INDEX;
  TECHNIQUE; DOCUMENT
Derwent Class: T01
International Patent Class (Main): **G06F-017/27**
International Patent Class (Additional): **G06F-017/30**
File Segment: EPI

 33/5/17   (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

012608143   **Image available**
WPI Acc No: 1999-414247/199935
XRPX Acc No: N99-310340
 Document processing apparatus for abstract   production **- distinguishes
 character variety currently used for word based on which words are
 extracted**
Patent Assignee: OMRON KK (OMRO)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 11167568	A	19990622	JP 97348731	A	19971204	199935	B
JP 3099792	B2	20001016	JP 97348731	A	19971204	200054	

Priority Applications (No Type Date): JP 97348731 A 19971204
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
JP 11167568	A	4 G06F-017/22	
JP 3099792	B2	4 G06F-017/27	Previous Publ. patent JP 11167568

Abstract (Basic): JP 11167568 A
        NOVELTY - Sentence is divided into words in a word processing unit
    (2). The character variety currently used for the word is distinguished
    by a discrimination device (4) based on which extract of words is
    performed by a black speck extract unit (3). DETAILED DESCRIPTION -
    INDEPENDENT CLAIMS are also included for the following: recording

medium storing program ⬤ paragraph processing; docume⬤ processing
method
       USE - For processing document for **automatic   abstract
production** or **searching** of specific word from predefined sentence.
       ADVANTAGE - Recognizes a word correctly by dividing the sentence
into words, efficiently. DESCRIPTION OF DRAWING(S) - The figure depicts
the block diagram of document processing apparatus. (2) Word processing
unit; (3) Black speck extract unit; (4) Character variety
discrimination device.
       Dwg.1/2
Title Terms: DOCUMENT; PROCESS; APPARATUS; **ABSTRACT ;   PRODUCE ;**
  DISTINGUISH; CHARACTER; VARIETY; CURRENT; WORD; BASED; WORD; EXTRACT
Derwent Class: T01
International Patent Class (Main): **G06F-017/22 ;   G06F-017/27**
File Segment: EPI

  33/5/18   (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

012589730   **Image available**
WPI Acc No: 1999-395836/199934
XRPX Acc No: N99-295909
  Virtual robot for controlling automatic **machine**
Patent Assignee: GES BIOTECHNOLOGISCHE FORSCHUNG MBH (GBFB)
Inventor: BLOECKER H; KAUER G
Number of Countries: 022 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 19751955	A1	19990602	DE 1051955	A	19971124	199934	B
WO 9927427	A1	19990603	WO 98EP7567	A	19981124	199934	
EP 954772	A1	19991110	EP 98962389	A	19981124	199952	
			WO 98EP7567	A	19981124		
JP 2002511969	W	20020416	WO 98EP7567	A	19981124	200242	
			JP 99527659	A	19981124		

Priority Applications (No Type Date): DE 1051955 A 19971124
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19751955	A1		12	B25J-009/16	
WO 9927427	A1	G		G05B-019/418	

    Designated States (National): CA JP US
    Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
    MC NL PT SE
EP 954772   A1 G   G05B-019/418 Based on patent WO 9927427
    Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
    LU MC NL PT SE
JP 2002511969 W   25 G05B-019/4069 Based on patent WO 9927427

Abstract (Basic): DE 19751955 A1
       NOVELTY - The robot is formed by a number of software integrated
(IC) circuits. There is an IC controller to control the **abstract**
machine and an IC model to describe the **abstract** world of the real
machine to be controlled.
       DETAILED DESCRIPTION - An IC translator **generates** the language of
the **abstract** machine. An IC robot implements actions of an **abstract**
robot which depend on events of the IC controller. An IC robot device
implements actions of a real robot, which depend on events of the IC
controller. An IC switch outputs the actual internal state of the real
machine to a display unit.
       USE - For laboratory experiments or automation of industrial
processes.
       ADVANTAGE - Can be **matched** easily to the most different of
robots.
       pp; 12 DwgNo 8/11
Title Terms: VIRTUAL; ROBOT; CONTROL; **AUTOMATIC ;** MACHINE

Derwent Class: P62; T06; X2
International Patent Class (Main): B25J-009/16; G05B-019/406; G05B-019/418
International Patent Class (Additional): B01J-019/00; G01N-035/00;
   G06F-017/50 ; G06F-019/00
File Segment: EPI; EngPI

   33/5/19   **(Item 17 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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012587956   **Image available**
WPI Acc No: 1999-394063/199933
XRPX Acc No: N99-294486
   **Automated duplicate document detecting method for database in computer
   networking environment like LAN, WAN, internet**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: BROWN E W; PRAGER J M
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 5913208   A   19990615 US 96677059   A   19960709 199933 B

Priority Applications (No Type Date): US 96677059 A 19960709
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 5913208   A   18 G06F-017/30

Abstract (Basic): US 5913208 A
     NOVELTY - The hit list record pair is **generated** according to the
documents and selected intrinsic attributes. The intrinsic attributes
expressed as function of document length etc., of hit list record pair
are compared to detect duplication of documents.
     DETAILED DESCRIPTION - The attribute fields containing one or more
attributes of the documents are included in each hit list record. The
intrinsic attributes that is score expressed as function of document
length, title, concept, author, publication date and **abstract** is
selected. The intrinsic attributes are invariant with location and
replication of document. The function that relates intrinsic attributes
is probabilistic measurement or cosine similarity measurement. An
INDEPENDENT CLAIM is also included for computer system.
     USE - In computer networking environment like LAN, WAN, internet.
     ADVANTAGE - Enables identification of duplicate documents from
search results without comparing content within documents in network.
Reduces detection cost by avoiding need for access and analysis of
document content. Facilitates identification of document like book,
article, report that contains text, image or multimedia information.
     DESCRIPTION OF DRAWING(S) - The figure shows block diagram of
computer system.
     pp; 18 DwgNo 1/10
Title Terms: **AUTOMATIC** ; DUPLICATE; DOCUMENT; DETECT; METHOD; DATABASE;
   COMPUTER; ENVIRONMENT; LAN; WAN
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

   33/5/20   **(Item 18 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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012360847   **Image available**
WPI Acc No: 1999-166954/199914
XRPX Acc No: N99-121666
   Subject field code vector representation generation **method for foreign
   language processing system**
Patent Assignee: UNIV SYRACUSE (UYSY-N)

Inventor: LIDDY E D; PAIK W YU E S
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5873056	A	19990216	US 93135815	A	19931012	199914	B

Priority Applications (No Type Date): US 93135815 A 19931012
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5873056	A		21	G06F-017/30	

Abstract (Basic): US 5873056 A
    NOVELTY – A specific subject code is selected from identical codes
within each sentence, that occur uniquely and at equal to or more than
a certain frequency. Codes for each word is correlated with selected
unique codes. Codes with highest correlation is selected and usage
frequency of the word represented by it, is determined. The codes are
arranged into a weighted vector representing the document content.
    DETAILED DESCRIPTION – Subject codes assigned to each word of a
document express the semantic content of the document and they
correspond to the meaning of each word. INDEPENDENT CLAIMS are included
for the following:
    (a) Natural language processing system;
    (b) Apparatus for **generating** subject field code vector
representation of the document
    USE - for foreign language processing system
    ADVANTAGE – Provides a **query** which shows high similarity to the
representation of the documents since the representations of the
document and the **query** represent the topic at an **abstract**, semantic
field level, thereby making document retrieval more efficient than with
conventional key word **searching** procedures. Assignment of subject
codes is **automatic** and can be carried out under computer control
without the need for human intervention. The usage of lexical database
enables the subject codes assignment to be **automatic** and efficient.
Text may be processed in reasonable amount of time. Enables **automatic**
classification of documents using subject codes having disambiguator,
which operates in heuristic and psycholinguistic manner, mimicking the
human disambiguation.
    DESCRIPTION OF DRAWING(S) – The drawing illustrates a flow chart
showing a system for subject field vector **generation** and document
classification and retrieval.
    pp; 21 DwgNo 1/11
Title Terms: SUBJECT; FIELD; CODE; VECTOR; REPRESENT; **GENERATE**; METHOD;
  FOREIGN; LANGUAGE; PROCESS; SYSTEM
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
International Patent Class (Additional): **G06F-017/20** ; **G06F-017/22**
File Segment: EPI

33/5/21   (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

012104536   **Image available**
WPI Acc No: 1998-521448/199844
XRPX Acc No: N98-407211
  Text summary automatic **computer-based** generation **method - sorting
  text sentences by probability factor to indicate best** matched **sentences**
Patent Assignee: SIEMENS AG (SIEI)
Inventor: BRUECKNER T
Number of Countries: 019 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9841930	A1	19980924	WO 98DE485	A	19980218	199844	B
EP 968478	A1	20000105	EP 98914784	A	19980218	200006	
			WO 98DE485	A	19980218		

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·JP 2001515623  W    200109●  ●P 98540006    A  19980218  ●169
                               WO 98DE485     A  19980218
US 6401086      B1   20020604  WO 98DE485     A  19980218  200242
                               US 99381180    A  19990916
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Priority Applications (No Type Date): DE 1011284 A 19970318
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 9841930   A1 G 18 G06F-017/30
    Designated States (National): JP US
    Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC
    NL PT SE
EP 968478   A1 G   G06F-017/30   Based on patent WO 9841930
    Designated States (Regional): DE FR GB
JP 2001515623 W   12 G06F-017/30   Based on patent WO 9841930
US 6401086   B1   G06F-017/30   Based on patent WO 9841930

Abstract (Basic): WO 9841930 A
        The method is for **automatic   generation** of a summary or
    synopsis from a text by computer. A probability is determined for each
    sentence or clause, that the sentence or clause belongs to the summary
    or **synopsis** , while for each word in the sentence out of a dictionary,
    that contains all the relevant words with a given measure of relevance
    to each of these words, the measure of relevance is determined and all
    the measures of relevance are then accumulated to yield the probability
    for the sentence belonging to the summary.
        The sentences of the text are then sorted by probability factors,
    and the best **matched** sentences are indicated, in correspondence to a
    given reduction measure, to the summary, in a sequence given by the
    text.
        USE - For selecting relevant and significant information form a
    mass of data e.g. in form of articles, and particularly in summarising
    various texts.
        ADVANTAGE - Provides summary or **synopsis** of text which **briefly**
    gives most important points/content of text.
        Dwg.2/2
Title Terms: TEXT; SUMMARY; **AUTOMATIC** ; COMPUTER; BASED; **GENERATE** ;
    METHOD; SORT; TEXT; SENTENCE; PROBABILITY; FACTOR; INDICATE; **MATCH** ;
    SENTENCE
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
International Patent Class (Additional): **G06F-017/27**
File Segment: EPI

 33/5/22   (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011713958   **Image available**
WPI Acc No: 1998-130868/199812
Related WPI Acc No: 1997-512943; 1998-467795
XRPX Acc No: N98-103229
    **Identification method for documents stored in computer readable medium -
    in which computer user browses documents by prompts to construct** query
    expressions from autogenerated list of keyword phrases
Patent Assignee: RUBINSTEIN S I (RUBI-I)
Inventor: RUBINSTEIN S I
Number of Countries: 080 Number of Patents: 005
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
WO 9804982   A1   19980205   WO 97US12177   A   19970710   199812   B
US 5721897   A   19980224   US 96628098   A   19960409   199815
                              US 96687656   A   19960726
AU 9736611   A   19980220   AU 9736611   A   19970710   199828
TW 347516   A   19981211   TW 97110649   A   19970826   199920
EP 979466   A1   20000216   EP 97933421   A   19970710   200014

Priority Applications (No Type Date): US 96687656 A 19960726; US 96628098 A
  19960409
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 9804982   A1 E   26 G06F-017/30
     Designated States (National): AL AM AT AZ BA BB BG BR BY CA CH CN CU CZ
     DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
     MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG
     UZ VN YU ZW
     Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT
     KE LS LU MC MW NL OA PT SD SE SZ UG ZW
EP 979466   A1 E   G06F-017/30   Based on patent WO 9804982
     Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU
     MC NL PT SE
US 5721897   A   15 G06F-017/30   CIP of application US 96628098
AU 9736611   A   G06F-017/30   Based on patent WO 9804982
TW 347516   A   G06F-009/06

Abstract (Basic): WO 9804982 A
     The method for browsing documents involves **automatically**
  identifying for a user, keyword phrases in the documents (110),
  prompting the user to construct a **query** expression in which at least
  one of the keyword phrases is an operand (120) and identifying one of
  the documents based on the **query** expression.
     The identified document is presented to the user in the form of an
  abstract (140,150), and identification of the keyword phrases and
  generation of the **abstract** are accomplished by linguistically
  analysing the documents (140). A user interface featuring a tabbed
  index into either keywords or key phrases in separately scrollable
  display areas provides indexing into the content of each screen area.
     USE - Browsing by prompted keywords with user interface, to
  identify documents by prompted keyword phrases.
     Dwg.1/7
Title Terms: IDENTIFY; METHOD; DOCUMENT; STORAGE; COMPUTER; READ; MEDIUM;
  COMPUTER; USER; DOCUMENT; PROMPT; CONSTRUCTION; **QUERY** ; EXPRESS; LIST;
  KEYWORD; PHRASE
Derwent Class: T01
International Patent Class (Main): **G06F-009/06 ; G06F-017/30**
File Segment: EPI

 33/5/23   (Item 21 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

011408148   **Image available**
WPI Acc No: 1997-386055/199736
XRPX Acc No: N97-321369
 Computer automatic **index technology of Chinese-character document**
Patent Assignee: WANG Z (WANG-I)
Inventor: BAO A; WANG C; WANG Z
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
CN 1110814   A   19951025 CN 94103485   A   19940418 199736 B

Priority Applications (No Type Date): CN 94103485 A 19940418
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
CN 1110814   A   1

Abstract (Basic): CN 1110814 A
     The new **automatic** indexing technique for Chinese-character
  documents is a break-through in Chinese information processing, which
  features no need of **creating** words or phrase library and no

limitation to newly cre●●d words or phrase, so **matchi●**●with the
high-speed development ●● modern science and technology.●●
    ADVANTAGE - Provides high indexing speed indexing 1500 **abstracts**
in 5 min. and accuracy (near 100%).
    Dwg.1
Title Terms: COMPUTER; **AUTOMATIC** ; INDEX; TECHNOLOGY; CHINESE; CHARACTER;
  DOCUMENT
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

 33/5/24   (Item 22 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010631925   **Image available**
WPI Acc No: 1996-128878/199613
Related WPI Acc No: 1999-393951
XRPX Acc No: N96-108434
   Iterative and interactive formal specification generation **method -
   involves** creating **formal specification for system using specification
   language and iteratively repeating steps until implementation has desired
   behaviour and is realisable**
Patent Assignee: LSI LOGIC CORP (LSIL-N)
Inventor: DANGELO C; NAGASAMY V
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 5493508   A   19960220   US 94252231   A   19940601   199613 B

Priority Applications (No Type Date): US 94252231 A 19940601
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 5493508   A   31 G06F-017/50

Abstract (Basic): US 5493508 A
    The method involves establishing a desired behaviour for a complex
digital system. A formal specification for the complex digital system
is created using a formal directly-executable specification language.
    The following steps are iteratively performed. The syntactical
correctness of the formal specification is checked. The logical
consistency of the formal specification is checked. The completeness of
the formal specification is checked. The correctness of the formal
specification is checked. The desired behaviour is compared with the
behaviour described by the formal specification. The existence of at
least one realizable implementation of the formal specification is
determined. Any problems detected are corrected by revising the formal
specification. This is done until the formal specification is
syntactically correct, logically consistent, correct and complete,
reflects the desired behaviour, and has at least one realizable
implementation.
    ADVANTAGE - Allows work at high **abstraction** levels with large and
complex systems. **Automatically** translates behavioural circuit
descriptions into implementations. Raises level of design validation
from structural (net-list) to behavioural level. Provides standardised
environment reducing need for cross training between platforms and
directing resources to testability. Provides automated, interactive and
iterative technique for complex specification. Allows execution of
specification in automated fashion to give implementation. Coordinates
system and subsystem specifications with design implementations.
Ensures specification changes made are reflected and accounted for in
system wide fashion. Converges on feasible implementation. Allows user
to **query** properties of formal executable specification. Assists user
in understanding system properties and subsystem relationships. Allows
user to asses completeness of specification. Allows determination of
correctness of specification w.r.t. intended system properties.

Provides feedback of specification errors before propagated into
system. Assists in elimination of ambiguities in specification.
    Dwg.2/18
Title Terms: ITERATIVE; INTERACT; FORMALDEHYDE; SPECIFICATION; **GENERATE** ;
  METHOD; FORMALDEHYDE; SPECIFICATION; SYSTEM; SPECIFICATION; LANGUAGE;
  ITERATIVE; REPEAT; STEP; IMPLEMENT; BEHAVE
Derwent Class: T01
International Patent Class (Main): **G06F-017/50**
File Segment: EPI

33/5/25   (Item 23 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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008214011   **Image available**
WPI Acc No: 1990-101012/199014
XRPX Acc No: N90-078074
    Automatic **document** abstractor **- using hint words in** search **of**
  document to extract relevant sentences and allowing for their
  juxtaposition
Patent Assignee: TOSHIBA KK (TOKE)
Inventor: DOI M
Number of Countries: 004 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 361464	A	19900404	EP 89117915	A	19890928	199014	B
US 5077668	A	19911231	US 89413605	A	19890928	199204	
EP 361464	A3	19920902	EP 89117915	A	19890928	199338	
EP 361464	B1	19980812	EP 89117915	A	19890928	199836	
DE 68928775	E	19980917	DE 628775	A	19890928	199843	
			EP 89117915	A	19890928		

Priority Applications (No Type Date): JP 88245967 A 19880930
Cited Patents: No-SR.Pub; 2.Jnl.Ref; EP 32194; JP 61248160
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 361464	A	E	21		

    Designated States (Regional): DE FR GB

US 5077668	A		19		
EP 361464	B1	E		G06F-017/24	

    Designated States (Regional): DE FR GB

DE 68928775	E			G06F-017/24	Based on patent EP 361464

Abstract (Basic): EP 361464 A
      The appts. allows 'hint' words to be selected from a dictionary (3)
  which will relate to significant phrases in a document held in a memory
  (2). The document is then **searched** for the sentences containing the
  hint words and the sentences are **abstracted** (4) and juxtaposed using
  the input (1), output (5) and control (6) sections to **produce** a
  suitable **abstract** .
      Where the number of hint words **produces** a lengthy document, a
  further processing step can be applied. This provides a logical
  structure storage (7) and analysis (8) which provides morphological
  analysis of the **abstracted** sentences and a modification unit (9)
  which together allow titles etc. to be eliminated, and a more relevant
  selection of sentences to be **abstracted** .
      USE/ADVANTAGE - Efficient **abstracting** of documents held on
  document retrieval system.
      5/9
Title Terms: **AUTOMATIC** ; DOCUMENT; **ABSTRACT** ; WORD; **SEARCH** ; DOCUMENT;
  EXTRACT; RELEVANT; SENTENCE; ALLOW; JUXTAPOSE
Derwent Class: T01
International Patent Class (Main): **G06F-017/24**
International Patent Class (Additional): **G06F-007/38** ; **G06F-015/40** ;
  G06F-017/30
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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016081585   **Image available**
WPI Acc No: 2004-239446/200423
Related WPI Acc No: 1999-303233
XRPX Acc No: N04-189838
  **Distribution system for transforming and exchanging data between
  heterogeneous computer systems**
Patent Assignee: JUXTACOMM TECHNOLOGIES INC (JUXT-N)
Inventor: DOYLE M; ELLIS D
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
CA 2446831	A1	19981227	CA 2241767	A	19980626	200423	B
			CA 2446831	A	19980626		

Priority Applications (No Type Date): US 9751052 P 19970627
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2446831	A1	E	38	G06F-015/16	Div ex application CA 2241767

Abstract (Basic): CA 2446831 A1
     NOVELTY - The system includes a systems interface that defines
  logical import and export **interfaces** , **data** transformation rule sets
  and scripts. A **metadata** database stores the interfaces, sets and
  scripts. A script processor (37) uses **metadata** (38) from the database
  to control data transformation within the systems interface and
  movement of the data into and out of the distribution system. A rule
  set processor (36) responds to the script processor to manipulate a
  data bag (35) to store imported data and a data bag for storing
  exported data.
     DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also given for
     (1) a method of controlling data transformation within a
  distribution system, and
     (2) a computer readable memory for transforming and exchanging
  datastore data between heterogeneous computer systems.
     USE - For distributing data between heterogeneous computer systems.
     ADVANTAGE - Provides a simple mechanism to specify transformation
  definitions and to control the flow of data from an input source to an
  output target. Allows **dynamic** response to changing business
  environment. Non-intrusive to minimize effects of changing data formats
  or data storage types.
     DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of a
  system for transforming and exchanging data between heterogeneous
  distributed computing environments.
     Data bag (35)
     Rule set processor (36)
     Script processor (37)
     Metadata (38)
     pp; 38 DwgNo 2/17
Title Terms: DISTRIBUTE; SYSTEM; TRANSFORM; EXCHANGE; DATA; HETEROGENEOUS;
  COMPUTER; SYSTEM
Derwent Class: T01
International Patent Class (Main): **G06F-015/16**
International Patent Class (Additional): **G06F-007/22 ; G06F-017/30**
File Segment: EPI

 29/5/12   (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014796652   **Image available**
WPI Acc No: 2002-617358/200266
XRPX Acc No: N02-488557

Continuation document identification method in website, involves
identifying lateral links to continuation documents of primary document
by identifying whether continuation document terms are associated with
links
Patent Assignee: PALLMANN D (PALL-I)
Inventor: PALLMANN D
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20020078014 A1   20020620 US 2000208954 A   20000531 200266 B
                               US 2001870395   A   20010530

Priority Applications (No Type Date): US 2000208954 P 20000531; US
  2001870395 A 20010530
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 20020078014 A1   35 G06F-007/00   Provisional application US 2000208954
Abstract (Basic): US 20020078014 A1
        NOVELTY - The primary document identified by the document address,
  is retrieved using computer executable logic. The links for the other
  documents provided in the primary document, is identified. The computer
  system identifies which of the identified links are lateral links to
  continuation documents of the primary document, by identifying whether
  any continuation document terms are associated with the links.
        DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
  following:
        (1) Continuation document identification system;
        (2) **Document   crawling** method; and
        (3) **Document   crawling** system.
        USE - For identifying continuation documents in website.
        ADVANTAGE - Continuation documents within a domain can be
  effectively identified and previously processed links can be easily
  determined.
        DESCRIPTION OF DRAWING(S) - The figure shows the hierarchical
  structure of the documents in the website.
        pp; 35 DwgNo 1/5
Title Terms: CONTINUE; DOCUMENT; IDENTIFY; METHOD; IDENTIFY; LATERAL; LINK;
  CONTINUE; DOCUMENT; PRIMARY; DOCUMENT; IDENTIFY; CONTINUE; DOCUMENT; TERM
  ; ASSOCIATE; LINK
Derwent Class: T01
International Patent Class (Main): **G06F-007/00**
File Segment: EPI

014123010   **Image available**
WPI Acc No: 2001-607222/200169
Related WPI Acc No: 1995-200530; 1996-518986; 1997-310156; 1998-009129;
  1998-110064; 1998-286225; 1999-204782; 1999-444465; 2000-013122;
  2000-194736; 2000-195398; 2000-365779; 2000-464989; 2000-490584;
  2000-647035; 2001-022904; 2001-335855; 2001-357503; 2001-374044;
  2001-397673; 2001-425330; 2001-570080; 2001-580828; 2001-581298;
  2001-581665; 2001-595705; 2002-011177; 2002-041658; 2002-062159;
  2002-082807; 2002-154357; 2002-163681; 2002-179003; 2002-188040;
  2002-205513; 2002-224088; 2002-226224; 2002-235400; 2002-236852;
  2002-238913; 2002-239839; 2002-254659; 2002-256143; 2002-268672;
  2002-315095; 2002-361599; 2002-361694; 2002-370756; 2002-382444;
  2002-391512; 2002-392708; 2002-393501; 2002-394013; 2002-403568;
  2002-405083; 2002-413035; 2002-416925; 2002-435593; 2002-470507;
  2002-479804; 2002-498079; 2002-498923; 2002-507125; 2002-508021;
  2002-528580; 2002-556177; 2002-598923; 2002-636862; 2002-642228;
  2002-654787; 2002-672857; 2002-673567; 2002-691185; 2002-697772;
  2003-045908; 2003-074123; 2003-090293; 2003-137905; 2003-140183;
  2003-174573; 2003-199024; 2003-238411; 2003-266622; 2003-268467;

```
  Set     Items    Description
  S1       4930    AUTOMATIC? OR INSTINCTIVE? OR SPONTANEOUS? OR INVOLUNTARY?
                   OR IMPULSIVE?
  S2      34250    GENERAT? OR REPRODUC? OR CREATE OR CREATING OR PRODUC?
  S3      17227    DYNAMIC? OR LIVE? OR INSTANT? OR REALTIME OR REAL()TIME OR
                   PRESENT? OR CURRENT? OR IMMEDIATE? OR ON()FLY
  S4       1012    ABSTRACT? OR ABRIDGMENT? OR BRIEF? OR CONDENSATION OR SYNO-
                   PSIS
  S5        496    CRAWLER? OR (INTERNET OR WEB OR SOFTWARE)()(AGENT? OR ROBO-
                   T?) OR SPIDER? OR SPYDER? OR INTELLIGENT()AGENT? OR SOFTBOT? -
                   OR IA OR BOT OR BOTS
  S6          0    CRAWLING(N)(DOCUMENT? OR FILE? OR TEXT? ? OR RECORD? ? OR -
                   REPORT? ? OR BRIEF? ? OR INFORMATION)
  S7        660    METADATA OR META()DATA
  S8        171    (LINK? OR CONNECT? OR INTERFACE? OR JOIN? OR UNITE?)()(DATA
                   OR INFORMATION)
  S9       5717    CACHE? OR REGISTER OR MEMORY OR STORAGE OR BUFFER? OR REPO-
                   SITORY
  S10      7162    SAVE? ? OR SAVING OR STORE OR STORING OR KEEP OR KEEPING OR
                   PRESERV?
  S11      9461    ACQUIRE? OR GET OR RETRIEVE? OR OBTAIN? OR PROCURE? OR CALL
                   OR FETCH?
  S12     38789    ENGINE? OR MODULE? ? OR ENGINE? OR COMPONENT? ? OR ELEMENT?
                   ? OR ROUTINE? OR APPLICATION? OR PROGRAM? OR DATABASE? OR DA-
                   TA()BASE?
  S13      1518    INDEXING OR INDEX OR INDEXES OR INDICES
  S14         1    S1 AND S2 AND (S3 (2N) S4)
  S15         0    S5 AND S6
  S16         0    S4 AND S11 AND (S7 (2N) S8)
  S17        29    S5 AND S11 AND (LINK? OR CONNECT? OR INTERFACE? OR JOIN? OR
                   UNITE?)
  S18         0    S17 AND S7
  S19         0    S9 AND S8 AND S10 AND S5
  S20         1    (S4 (2N) S12) AND S2 AND S4 AND S7
  S21         0    (S12 (2N) S13) AND S13 AND S7 AND S8
  S22         0    S12 AND S13 AND S7 AND S8
  S23         3    S3 AND S7 AND S8
  S24      2314    (SEARCH? OR QUEST? OR PURSU? OR SEEK? OR QUER? OR MATCH?)(-
                   2N) S12
  S25         0    S24 AND S14
  S26        33    S14 OR S17 OR S23
  S27        10    S26 NOT PY>2000
  S28         6    S27 NOT PD>20000211
File 256:TecInfoSource 82-2004/Jul
        (c)2004 Info.Sources Inc
```

01693103   DOCUMENT TYPE: Product

PRODUCT NAME: WebZIP (693103)

Spidersoft (642487
16 Argyle St
Donvale VIC3111, Australia
TELEPHONE: ( ) 613-98415251

RECORD TYPE: Directory

CONTACT: Sales Department

With **Spidersoft** 's WebZIP, Web users can download Web pages and entire Web
sites for offline browsing. WebZIP captures images, sounds, and media files
to users' hard drives. The system streamlines browsing, and it lets surfers
store online content quickly. Files are saved in native HTML format,
letting users employ captured **links** . Original filenames and directory
structures also are saved. WebZIP can be extended with the FAR add-in tool,
which lets users convert downloaded Web content into compiled HTML-Help
files. The compressed files support full text searches, table of contents
panes, as well as index and favorites panes. WebZIP's Task Editor lets
users schedule content downloads and to specify the type of files to be
retrieved . Users can also define the comprehensiveness of downloads. The
system works with Microsoft Internet Explorer 4 or later.

DESCRIPTORS: File Compression; File Transfer; Information Retrieval;
     Internet Utilities

HARDWARE: 80486; IBM PC & Compatibles; Pentium
OPERATING SYSTEM: Internet Explorer; Windows; Windows NT/2000; Windows XP
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Cross Industry, Frequent Web Users, Researchers, Offline
     Browsing
PRICE: Available upon request

OTHER REQUIREMENTS: 16MB RAM; Win 9x+; Explorer 4+; 80486+ CPU required
REVISION DATE: 20020715

01002151   DOCUMENT TYPE: Product

PRODUCT NAME: DQbroker (002151)

Decision Support Inc (674168)
624 Matthews-Mint Hill Rd #150
Matthews, NC 28105 United States
TELEPHONE: (704) 845-1000

RECORD TYPE: Directory

CONTACT: Sales Department

DQbroker (R) is the foundation of Decision Support's suite of products,
which are enterprise data integration and extraction, transformation, and
loading (ETL) and Web-based reporting tools. DQbroker lets users find
needed data independent of database vendor, hardware platform, or location.
This gives users and developers simultaneous access to all available data

in real time . It enable●ovement of notably less data ●●ss the
network when processing queries that join distributed data. ●●broker is
significantly more efficient and effective at accessing and joining
enterprise data than three-tiered, ODBC-based, and hub design solutions.
The basic installation and configuration of DQbroker can be accomplished in
less than an hour by any system administrator. It is easy. DQbroker has a
thin-client architecture that distributes the processing of queries as
close to the source data as possible. Queries that access and **join data**
from multiple heterogeneous data sources are processed on multiple servers
simultaneously. Only the data necessary to resolve the query crosses the
network. This differs from the fat-server, three-tier approach common in
the marketplace today, which requires entire datasets to move across the
network to be processed by a single hub server. DQbroker converts a single
SQL query that joins distributed data into multiple SQL queries. Each
subquery is targeted at a single data source. The subqueries contain as
much selection, filtering, joining, and sorting as possible. This allows
DQbroker to leverage the capabilities of each database management system
(DBMS), minimizing the amount of data returned and the time needed to
return it. The processing happens as efficiently as possible because
DQbroker communicates with all major relational database management systems
using native access routines. A global **metadata** cache enables every
DQbroker server to know the **current** state of all data in a distributed
domain. Caching **metadata** also makes the retrieval of database properties
faster. This accelerates query processing in a distributed environment
because DQbroker has all the information it needs to distribute subqueries.
DQvista works with DQ broker to provide enterprisewide reporting that
joins data sources.

DESCRIPTORS: Database Management; Distributed Processing; Enterprise
     Application Integration; Integration Software; **Metadata** ; Middleware;
     System Performance

HARDWARE: Alpha; HP; IBM; IBM PC & Compatibles; NCR; Sun; Thin Clients;
     Unisys; UNIX
OPERATING SYSTEM: AIX; HP-UX; Linux; Solaris; UNIX; Windows NT/2000
PROGRAM LANGUAGES: ActiveX; C++; Java; SQL
TYPE OF PRODUCT: Mini; Micro; Workstation
POTENTIAL USERS: Cross Industry, IT Managers
PRICE: Available upon request

DOCUMENTATION AVAILABLE: User manuals
TRAINING AVAILABLE: Technical support; training; telephone support;
     on-site training; Internet support
OTHER REQUIREMENTS: TCP/IP connection required
SERVICES AVAILABLE: Consulting
REVISION DATE: 20040215

28/5/3
DIALOG(R)File 256:TecInfoSource
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00122282   DOCUMENT TYPE: Review

PRODUCT NAMES: Ultraseek Server CCE 3.1   (742627)

TITLE: Any Document, Any Place, and a Place for Every Document
AUTHOR: Westmacott, Ian
SOURCE: Server/Workstation Expert,   v10 n12 p56(3) Dec 1999
HOMEPAGE: http://www.cpg.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

GO.com's Ultraseek Server, a document search engine and indexer, is
available with the Ultraseek Server CCE 3.1 add-on, an excellent choice for

users who need directory-s⬤e search abilities. Ultraseek ⬤er works very well as a search engine for distributed text-based docu⬤nts. Ultraseek Server provides English indexes and partial support for other languages, a sophisticated query **interface** , an intelligent scanner, and a customizable scripted results **interface** . Platforms supported include Solaris, Linux, and Windows NT, and symmetric multiprocessing systems are also supported. The server can index documents by **spidering** a network (beginning with a specific URL, then tracing **links** found in follow- on documents); scanning a local file system; scanning Usenet newsgroups; scanning Web-accessible Microsoft Exchange public folders; or by mirroring other Ultraseek Server indexes. Database content indexing is not supported. Document types supported include HTML, XML, TRF, Word, Excel, PowerPoint, FrameMaker, Portable Document Format (PDF), PostScript, WordPerfect, Lotus 1-2-3, WordPro, and Freelance Graphics. The scanner runs continually to find and **retrieve** documents to be indexed; automatically removes deleted documents from the index; and updates altered documents. Many other useful features are described.

PRICE: $995

COMPANY NAME: Overture Services Inc (643122)
SPECIAL FEATURE: Screen Layouts Charts
DESCRIPTORS: IBM PC & Compatibles; Indexing; Information Retrieval;
    Intranets; Linux; Search Engines; Solaris; Text Retrieval; Windows
    NT/2000
REVISION DATE: 20040627

28/5/4
DIALOG(R)File 256:TecInfoSource
(c)2004 Info.Sources Inc. All rts. reserv.

00120309   DOCUMENT TYPE: Review

PRODUCT NAMES: UpShot Online (779288); Actuate Reporting System (613941) ; Mainspan (750212)

TITLE: Business Tools Get 'Webified'
AUTHOR: Edwards, John
SOURCE: CIO,   v12 n20 p40(3) Aug 1, 1999
ISSN: 0894-9301
HOMEPAGE: http://www.cio.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Upshot Sales from UpShot Corporation, Actuate Reporting System from Actuate Software Corporation, and Mainspan from Webridge are Web- based administrative tools that bring new capabilities to sales, reporting, and corporate communication. UpShot Sales has a browser- based **interface** that lets team members in any location have universal access, allowing strategic information to be disseminated throughout an organization. Its e-mail and chat capabilities supports sales force collaboration. Actuate Reporting System has been adapted to let organizations distribute reports to managers, employees, and external partners via the Web, where an Actuate **Web Agent** tool transforms the program's output into a Web site with individual URLs for specific reports and folders. Actuate will also automatically push notices about new reports directly to targeted individuals. Mainspan spans the knowledge gap that sometimes arises between product manufacturers and key customers by letting vendors use the World Wide Web as a distribution medium for a wide array of confidential information, which will also accelerate the information distribution process.

COMPANY NAME: Siebel Systems Inc (608246); Actuate Corp (618764);
    Webridge Inc (662704)

28/5/5

00116827   DOCUMENT TYPE: Review

PRODUCT NAMES: ISYS: spider **1.5 (752088**

TITLE: Spider **spins power searches**
AUTHOR: Rapoza, Jim
SOURCE: PC Week,   v16 n10 p32(1) May 10, 1999
ISSN: 0740-1604

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: B

ISYS/Odyssey Development's ISYS: **Spider** 1.5 adds Web site searching to the
vendor's suite of corporate search tools. ISYS: **Spider** is an easy-to-use
agent that searches and indexes external World Wide Web sites, and when
used with Isys:Desktop and Isys:Web, it allows corporations to construct
and maintain indexes of documents stored on networks, company Web sites,
and particular external World Wide Web sites. ISYS: **Spider** gets good marks
for usability, performance, and manageability, while capability and
interpretability are rated average. **Spider** 's only features are the
ability to search sites and to index their contents, and it lacks some
features provided in competing search products, such as Plumtree Server and
others, which can scan many data repositories, including internal and
external databases. Such products as Netscape Communications' Compass
Server provide personalized searches that send back **links** based on users'
criteria. To **obtain** full-fledged Web support, testers installed Desktop,
then Web, then **Spider** . Creating and indexing document databases is easy,
but managing databases should be easier, since the tools do not ease tasks
required to search indexes of multiple sites concurrently. Unless the
manager **links** the indexes in advance, the Web searches them sequentially.

PRICE: $4500

COMPANY NAME: ISYS Search Software Inc (512991)
SPECIAL FEATURE: Charts
DESCRIPTORS: Front Ends; IBM PC & Compatibles; Indexing; Information
     Retrieval; Search Engines
REVISION DATE: 20040524

28/5/6

00116139   DOCUMENT TYPE: Review

PRODUCT NAMES: Company--Computer Associates International Inc (850161)

TITLE: Software Giant's Hardware Kings
AUTHOR: Royal, Weld
SOURCE: Industry Week,   v248 n4 p72(2) Feb 15, 1999
ISSN: 0039-0895
HOMEPAGE: http://www.industryweek.com

RECORD TYPE: Review
REVIEW TYPE: Company

```
Set      Items    Description
S1          5     CRAWLING(N)(DOCUMENT? OR FILE? OR TEXT? ? OR RECORD? ? OR -
                  REPORT? ? OR BRIEF? ? OR INFORMATION)
S2          4     S1 NOT PY>2000
S3          4     S2 NOT PD>20000211
S4          3     RD (unique items)
File    8:Ei Compendex(R) 1970-2004/Oct W5
           (c) 2004 Elsevier Eng.  Info. Inc.
File   35:Dissertation Abs Online 1861-2004/Oct
           (c) 2004 ProQuest Info&Learning
File 103:Energy SciTec 1974-2004/Oct B2
           (c) 2004 Contains copyrighted material
File 202:Info. Sci. & Tech. Abs. 1966-2004/Nov 02
           (c) 2004 EBSCO Publishing
File   65:Inside Conferences 1993-2004/Nov W1
           (c) 2004 BLDSC all rts. reserv.
File    2:INSPEC 1969-2004/Oct W5
           (c) 2004 Institution of Electrical Engineers
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
           (c) 2003 EBSCO Pub.
File   94:JICST-EPlus 1985-2004/Oct W2
           (c)2004 Japan Science and Tech Corp(JST)
File 438:Library Lit. & Info. Science 1984-2004/Sep
           (c) 2004 The HW Wilson Co
File    6:NTIS 1964-2004/Nov W1
           (c) 2004 NTIS, Intl Cpyrght All Rights Res
File   99:Wilson Appl. Sci & Tech Abs 1983-2004/Sep
           (c) 2004 The HW Wilson Co.
File   95:TEME-Technology & Management 1989-2004/Jun W1
           (c) 2004 FIZ TECHNIK
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
           (c) 2002 The Gale Group
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4/5/1   (Item 1 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

05603291   E.I. No: EIP00075234405
   Title: WTMS: a **system for collecting and analyzing topic-specific Web information**
   Author: Mukherjea, Sougata
   Corporate Source: NEC USA Inc, San Jose, CA, USA
   Conference Title: WWW9: 9th International World Wide Web Conference 'The Web: The Next Generation'
   Conference Location: Amsterdam, Neth   Conference Date: 19000515-19000519
   E.I. Conference No.: 56980
   Source: Computer Networks v 33 n 1 2000. p 457-471
   Publication Year: 2000
   CODEN: 003195   ISSN: 1389-1286
   Language: English
   Document Type: JA; (Journal Article)   Treatment: X; (Experimental)
   Journal Announcement: 0008W4
   Abstract: With the explosive growth of the World Wide Web, it is becoming increasingly difficult for users to collect and analyze Web pages that are relevant to a particular topic. To address this problem we are developing WTMS, a system for Web topic management. In this paper we explain how the WTMS crawler efficiently collects Web pages for a topic. We also introduce the user interface of the system that integrates several techniques for analyzing the collection. Moreover, we present the various views of the interface that allow navigation through the information space. We highlight several examples to show how the system enables the user to gain useful insights about the collection. (Author abstract) 20 Refs.
   Descriptors: *World Wide Web; Information retrieval; Query languages; Graphical user interfaces; Search engines; Web browsers; Algorithms; Heuristic programming
   Identifiers: Web topic management systems; Focussed **crawling ;**
Information visualization; Graph algorithms; Hubs; Authorities
   Classification Codes:
   723.5 (Computer Applications); 723.3 (Database Systems); 722.2 (Computer Peripheral Equipment); 723.1 (Computer Programming)
   723 (Computer Software); 722 (Computer Hardware)
   72 (COMPUTERS & DATA PROCESSING)

4/5/2   (Item 2 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

05226329   E.I. No: EIP99020003839
   Title: **Collaborative web** crawling : Information **gathering/processing over Internet**
   Author: Teng, Shang-Hua; Lu, Qi; Eichstaedt, Matthias; Ford, Daniel; Lehman, Tobin
   Corporate Source: Univ of Illinois, Urbana, IL, USA
   Conference Title: Proceedings of the 1999 32nd Annual Hawaii International Conference on System Sciences, HICSS-32
   Conference Location: Maui, HI, USA   Conference Date: 19990105-19990108
   Sponsor: IEEE
   E.I. Conference No.: 49733
   Source: Proceedings of the Hawaii International Conference on System Sciences 1999. IEEE Comp Soc, Los Alamitos, CA, USA,PR00001. p 186
   Publication Year: 1999
   CODEN: PHISD7   ISSN: 1060-3425
   Language: English
   Document Type: CA; (Conference Article)   Treatment: G; (General Review)
   Journal Announcement: 9904W1
   Abstract: In this paper, we present a scalable method for collaborative web crawling and information processing. The method includes an automatic cyberspace partitioner which is designed to dynamically balance and re-balance the load among processors. It can be can be used when all web

crawlers are located on a tightly coupled high-performance system as well as when they are scattered in a distributed environment. We have implemented our algorithms in Java as a part of the IBM Grand Central Station (GCS) system. (Author abstract)
Descriptors: *World Wide Web; Data processing; Algorithms; Java programming language
Identifiers: Collaborative Web crawling; Abstract only
Classification Codes:
723.1.1 (Computer Programming Languages)
723.2 (Data Processing); 723.1 (Computer Programming)
716 (Radar, Radio & TV Electronic Equipment); 723 (Computer Software)
71 (ELECTRONICS & COMMUNICATIONS); 72 (COMPUTERS & DATA PROCESSING)

4/5/3 (Item 1 from file: 2)

6182240 INSPEC Abstract Number: C1999-04-7210N-057
Title: Collaborative Web crawling : information **gathering/processing over Internet**
Author(s): Shang-Hua Teng; Qi Lu; Eichstaedt, M.; Ford, D.; Lehman, T.
Author Affiliation: Dept. of Comput. Sci., Illinois Univ., Urbana, IL, USA
Conference Title: Proceedings of the 32nd Annual Hawaii International Conference on Systems Sciences. 1999. HICSS-32. Abstracts and CD-ROM of Full Papers p.12 pp.
Editor(s): Sprague, R.H., Jr.
Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA
Publication Date: 1999 Country of Publication: USA liii+341 pp.
ISBN: 0 7695 0001 3 Material Identity Number: XX-1999-00169
Conference Title: Proceedings of HICSS 32 - 32nd Annual Hawaii International Conference on System Sciences
Conference Date: 5-8 Jan. 1999 Conference Location: Maui, HI, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: The main objective of the IBM Grand Central Station (GCS) project is to gather all types of information in any format (text, data, image, graphics, audio, video) from cyberspace, to process/index/summarize the information, and to push the right information to the right people. Because of the very large scale of cyberspace, parallel processing in both crawling/gathering and information processing is indispensable. We present a scalable method for collaborative Web crawling and information processing. The method includes an automatic cyberspace partitioner which is designed to balance and re-balance the load dynamically among processors. It can be used when all Web crawlers are located on a tightly coupled high-performance system as well as when they are scattered in a distributed environment. We implemented these algorithms in Java. (12 Refs)
Subfile: C
Descriptors: information resources; information retrieval; Internet; Java ; resource allocation
Identifiers: collaborative Web crawling; information gathering; information processing; Internet; IBM Grand Central Station project; cyberspace; indexing; parallel processing; load balancing; high-performance system; distributed environment; Java
Class Codes: C7210N (Information networks); C7250R (Information retrieval techniques)

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Set.     Items    Description
S1     1035981    AUTOMATIC? OR INSTINCTIVE? OR SPONTANEOUS? OR INVOLUNTARY?
                  OR IMPULSIVE?
S2    16283852    GENERAT? OR REPRODUC? OR CREATE OR CREATING OR PRODUC?
S3    10480058    DYNAMIC? OR LIVE? OR INSTANT? OR REALTIME OR REAL()TIME OR
                  PRESENT? OR CURRENT? OR IMMEDIATE? OR ON()FLY
S4     2741868    ABSTRACT? OR ABRIDGMENT? OR BRIEF? OR CONDENSATION OR SYNO-
                  PSIS
S5      128180    CRAWLER? OR (INTERNET OR WEB OR SOFTWARE)()(AGENT? OR ROBO-
                  T?) OR SPIDER? OR SPYDER? OR INTELLIGENT()AGENT? OR SOFTBOT? -
                  OR IA OR BOT OR BOTS
S6          32    CRAWLING(N)(DOCUMENT? OR FILE? OR TEXT? ? OR RECORD? ? OR -
                  REPORT? ? OR BRIEF? ? OR INFORMATION)
S7       21915    METADATA OR META()DATA
S8       21514    (LINK? OR CONNECT? OR INTERFACE? OR JOIN? OR UNITE?)()(DATA
                  OR INFORMATION)
S9     1980855    CACHE? OR REGISTER OR MEMORY OR STORAGE OR BUFFER? OR REPO-
                  SITORY
S10    3906603    SAVE? ? OR SAVING OR STORE OR STORING OR KEEP OR KEEPING OR
                  PRESERV?
S11    8508766    ACQUIRE? OR GET OR RETRIEVE? OR OBTAIN? OR PROCURE? OR CALL
                  OR FETCH?
S12   12126790    ENGINE? OR MODULE? ? OR ENGINE? OR COMPONENT? ? OR ELEMENT?
                  ? OR ROUTINE? OR APPLICATION? OR PROGRAM? OR DATABASE? OR DA-
                  TA()BASE?
S13     693717    INDEXING OR INDEX OR INDEXES OR INDICES
S14         43    S1 (S) S2 (S) (S3 (2N) S4)
S15          0    S5 (S) S11 (S) (S7 (3N) S8)
S16       2315    S5 (S) S11 (S) (LINK? OR CONNECT? OR INTERFACE? OR JOIN? OR
                  UNITE?)
S17          7    S16 (S) S7
S18          2    S9 (S) S8 (S) S10 (S) S5
S19          9    (S4 (2N) S12) (S) S2 (S) S4 (S) S7
S20          0    (S12 (2N) S13) (S) S13 (S) S7 (S) S8
S21          1    S12 (S) S13 (S) S7 (S) S8
S22     286514    (SEARCH? OR QUEST? OR PURSU? OR SEEK? OR QUER? OR MATCH?)(-
                  2N) S12
S23          0    S22 (S) ((CONTAIN? OR INCLUDE? OR HOLD? OR ENCLOSE? OR WRA-
                  P?) AND NEW()S8)
S24         94    S6 OR S14 OR S17 OR S18 OR S19 OR S21
S25         42    S24 NOT PY>2000
S26         31    S25 NOT PD>20000211
File  15:ABI/Inform(R) 1971-2004/Nov 12
      (c) 2004 ProQuest Info&Learning
File 810:Business Wire 1986-1999/Feb 28
      (c) 1999 Business Wire
File 647:CMP  Computer Fulltext 1988-2004/Oct W5
      (c) 2004 CMP Media, LLC
File 275:Gale Group Computer DB(TM) 1983-2004/Nov 12
      (c) 2004 The Gale Group
File 674:Computer News Fulltext 1989-2004/Sep W1
      (c) 2004 IDG Communications
File 696:DIALOG Telecom. Newsletters 1995-2004/Nov 12
      (c) 2004 The Dialog Corp.
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Nov 12
      (c) 2004 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2004/Nov 12
      (c) 2004 The Gale Group
File 813:PR Newswire 1987-1999/Apr 30
      (c) 1999 PR Newswire Association Inc
File 613:PR Newswire 1999-2004/Nov 12
      (c) 2004 PR Newswire Association Inc
File  16:Gale Group PROMT(R) 1990-2004/Nov 12
      (c) 2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
      (c) 1999 The Gale Group
File 553:Wilson Bus. Abs. FullText 1982-2004/Sep
```

01947154   SUPPLIER NUMBER: 18382915   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Document management embraces the intranet: report from Documation '96.
   (conference on technical information management) (Industry Trend or
   Event)**
Walter, Mark
Seybold Report on Publishing Systems, v25, n14, p11(7)
April 23, 1996
ISSN: 0736-7260   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 5396   LINE COUNT: 00433

  SPECIAL FEATURES: illustration; chart
  COMPANY NAMES: OpenText Corp.--Products; Documentum Inc.--Products; Day
   and Zimmermann Information Solutions--Products; DigiTome--Products
  DESCRIPTORS: Industry Event; Trade Show Report; Document Management
   Software; Workflow Software
  SIC CODES: 7372 Prepackaged software
  TRADE NAMES: OpenText LiveLink Intranet (Workflow software)--Design and
   construction; Documentum 3.0 (Document management software)--Design and
   construction; Interactive Presentation Manager (Multimedia authoring
   software)--Design and construction; Intelligent Document Manager (File
   format conversion software)--Design and construction
  FILE SEGMENT: CD File 275

  ...   abstract.
     If you don't already have summaries, Livelink Search will build them
for you with its **automatic** document summary **generator** . Like most other
Web- page summarizers, Open Text's is not a triumph of lexical synthesis;
but...

...example, if you had a directory of abstracted articles, you could ask
the summarizer to show the **abstracts** instead of **presenting** an outline
of the document.) If you are lucky enough to have valid SGML documents,
Livelink Search...

01944268   SUPPLIER NUMBER: 18315432   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Systems management tools.(1996 Database Buyer's Guide and Client/Server
   Sourcebook)(Buyers Guide)**
DBMS, v9, n6, p87(2)
June 15, 1996
DOCUMENT TYPE: Buyers Guide   ISSN: 1041-5173   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1624   LINE COUNT: 00148

ABSTRACT: A buyer's guide of 13 systems management software packages is
presented. Information **presented** includes a **brief** description of each
product , pricing information, information on operating systems and other
software supported, each vendor's location, and a telephone number and
World Wide Web address, when available, for each vendor. **Products**
discussed include a networked performance analysis tool that monitors
traffic between applications in a client/server environment, a **product**
that helps network managers analyze software usage and license compliance,
a software configuration management package and a tool that **automatically**
detects application transaction errors in a client/server environment.

  DESCRIPTORS: Software Buyers' Guide; Network Management Utility; Network
   Management Software; Systems Management Utility
  SIC CODES: 7372 Prepackaged software
  FILE SEGMENT: CD File 275

ABSTRACT: A buyer's guide of 13 systems management software packages is presented. Information **presented** includes a **brief** description of each **product** , pricing information, information on operating systems and other software supported, each vendor's location and a telephone number and World Wide Web address, when available, for each vendor. **Products** discussed include a networked performance analysis tool that monitors traffic between applications in a client/server environment, a **product** that helps network managers analyze software usage and license compliance, a software configuration management package and a tool that **automatically** detects application transaction errors in a client/server environment.

26/5,K/10   (Item 5 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01693468   SUPPLIER NUMBER: 15567271   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Letting computers choose your news. (Individual Inc's HeadsUp customized
  electronic news service)**
Kador, John
MIDRANGE Systems, v7, n12, p39(1)
June 30, 1994
ISSN: 1041-8237   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1176   LINE COUNT: 00094

ABSTRACT: Individual Inc's HeadsUp customized electronic news service provides subscribers with access to over 700 news sources, including articles, news items, press releases and other reports. Subscribers can create profiles that specify their particular interests, choosing items from a list of over 700 categories. HeadsUp utilizes a string of 486-based PCs and a software system called System for Manipulation and Retrieval of Text (SMART). SMART locates the items that best match the users' profiles. HeadsUp provides subscribers with two-sentence summaries of articles, from which subscribers can order the full text versions via a toll-free number. The articles are sent within a half hour via fax or E-mail. SMART scans through more than 10,000 articles per day and prioritizes them for each subscriber. Subscriptions cost $695 per year, which includes 160 full text records, or $29.95 per month, which includes one full text record.

  COMPANY NAMES: Individual Inc.--Services
  DESCRIPTORS: Online Information Service; Publications; News; Database
  SIC CODES: 7375 Information retrieval services
  FILE SEGMENT: CD File 275

...   technology is under the covers to deliver what is essentially a unique newspaper for each subscriber, says **Product** Manager James Leightheiser. HeadsUp is a modular system with a growing string of low-tech 486 PCs...

...as input processors for the tens of thousands of articles, press releases, news items, and other reports **generated** by over 700 news source. After selecting the items, another 486 PC then parses the items, ensuring everything is **abstracted** and **presented** uniformly. The recognition software has intelligence to take full text items and **automatically generate** abstracts. For example, the software understands how a Business Wire item is constructed and uses that information to **create** a meaningful summary. Similarly, the software recognizes items from different magazines, news wires, and on-line services...

26/5,K/15   (Item 1 from file: 696)
DIALOG(R)File 696:DIALOG Telecom Newsletters
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00593755
NEW INTERCHANGE STANDARD TO HELP CONNECT INFO ISLANDS

department within an organization. DMA-compliant systems...

...to be confused with AIIM's ODMA
standard - the Open Document Management API.
ODMA lets standard desktop **applications** , such as word processing
or spreadsheet **programs** , connect to document repositories. The
standard makes it easier for users to access documents without regard
for...

...standard
known as WebDAV.
Rochester, N.Y.-based Xerox now is selling a software
developer's kit **engineered** to let vendors build DMA-compliant systems.
The toolkit includes middleware, a client and a repository.
Xerox...

 26/5,K/18   (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04070364   Supplier Number: 53561321 (THIS IS THE FULLTEXT)
VERITY: Verity solution chosen by Xerox for corporate intranet portal.
M2 Presswire, pNA
Jan 12, 1999
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 902
TEXT:
M2 PRESSWIRE-12 January 1999-VERITY: Verity solution chosen by Xerox for
corporate intranet portal (C)1994-99 M2 COMMUNICATIONS LTD RDATE:110199 *
Verity to help Xerox index and **retrieve** documents on its corporate
intranet Verity, Inc. (Nasdaq: VRTY), today announced that Xerox
Corporation (NYSE: XRX) has chosen Verity's Information Server and Verity
Spider to help Xerox users index, search and navigate all of the documents
on Xeroxs corporate intranet. Verity's comprehensive solution is designed
to provide Xerox with a one-stop shopping intranet portal that allows
employees to search, **retrieve** , classify and disseminate business-critical
information from a singlesite. The Xerox portal incorporates the Verity
Information Server and Verity **Spider** products for advanced document
searching, indexing and retrieving. Verity's products, which will reside on
Xeroxs corporate communication site. are designed to enable Xerox users to
conduct comprehensive searches of the company's global intranet. "We chose
Verity because its products enable us to deliver an intranet portal to
enhance our current knowledge management capabilities, providing the means
to centrally locate information from more than eight thousand intranet Web
sites distributed globally." said Christopher Noyes, manager of Internet
services for Xerox Corporation. "Today Verity's search engine is embedded
in our DocuShare product which we believe will provide a solid foundation
for a corporate-wide standard searching capability in the future." In
addition to technology, Verity is providing on-site consulting services to
Xerox to ensure the portal's successful deployment. "We view the intranet
portal as the second generation Of the Internet because it allows
organisations to gain better control of unmanaged information," said
Anthony Bettencourt, senior vice president of worldwide sales and product
marketing at Verity, Inc. "We are pleased to be working with Xerox to help
the company not only index and **retrieve** its large number of documents,
but also to provide a single search engine that in the long-term can offer
multi-lingual support and a consistent **interface** for users to gain access
to mission- critical information residing on the Xerox corporate intranet."
Verity Information Server and Verity **Spider** Prove Capabilities Beyond
Basic Search Verity Information Server and Verity **Spider** enable
organisations to turn corporate intranets into powerful knowledge bases,
making business information accessible and reusable across the enterprise.
Used together, the products offer businesses a comprehensive and integrated
solution, providing information in context. With capabilities far beyond
basic search and retrieval Verity's enhanced products address the key

problems of corporate knowledge retrieval and content management, including: * Automated document classification, profiling and tagging, based on matching documents to the key concepts relevant to individual business organisations * Full text and **metadata** indexing * Search and retrieval (retrospective search) Easy to install and use, Verity Information Server includes support for the latest versions of commercial Web servers, including Netscape NES 3.51 and Microsoft IIS 4.0, and support for future Web servers from market leaders. Verity **Spider** offers organisations advanced indexing capabilities, handling documents with less interruption than its competitors. Today, organisations use both products to improve knowledge-intensive business operations in such areas as customer care, business intelligence, marketing, financial analysis, project management, e-commerce and on-line publishing. About Xerox Xerox corporation (NYSE: XRX) is the global leader in the document processing business, providing the widest array of products and consulting services in the industry. Xerox markets its publishing systems, copiers, printers, scanners, fax machines and document management software in more than 130 countries. Xerox products and services are designed to help customers share their knowledge and master the flow of information from paper to electronic form and back again. About Verity Verity is a leading provider of enterprise knowledge retrieval solutions for corporate intranets, online publishers, e-commerce vendors and market-leading OEMs and ISIS. Verity's product suite enables organisations to turn corporate intranets into a powerful knowledge base by creating corporate portals, making business information accessible and reusable across the enterprise. Verity's leadership has been recognised by numerous organisations, most recently by Delphi Consulting, which gave Verity the Market Recognition Award based on a survey of 600 corporate users. Verity's comprehensive and integrated product family enables enterprise-wide document indexing, classification, search and retrieval, personalised information dissemination, and hybrid online and CD publishing - all from the same underlying Verity collection. Verity's KeyView products also enable viewing of source documents stored in more than 225 formats. Verity's, products are used by more than 1,000 corporations, government agencies, e-commerce sites, on-line service providers, Internet publishers and software developers worldwide. Verity alliances include Adobe Systems, AT&T, CNET, Cisco, Compaq, Dow Jones, Ernst & Young, Financial Times, IBM, MD Consult, NewsEdge Corporation, Informix, Lotus, NEC, Netscape Communications, SAP, Siemens Nixdorf, Sybase, Tandem and Time Warner's Pathfinder. This press release contains forward-looking statements relating to Verity and the expected performance of Verity Information Server and Verity **Spider** products. as well as integration of its products into Xerox and customer environments. Other risks relating to Verity and its products are as set forth in its Form 10-K and Form 10-Qs as filed with the Securities and Exchange Commission. Verity, the Verity logo and Verity are registered trademarks or trademarks of Verity, Inc. All other trademarks are the property of their respective owners. CONTACT: Sarah Miles/Laura Mason, Marbles Tel: +44 (0)1491 411789 e-mail: smiles@marbles.co.uk e-mail: lmason@marbles.co.uk Andrea Hawes, Verity, Inc Tel: +44 (0)1372 847604 e-mail: ahawes@verity.com WWW: http://www.verity.com *M2 COMMUNICATIONS DISCLAIMS ALL LIABILITY FOR INFORMATION PROVIDED WITHIN M2 PRESSWIRE. DATA SUPPLIED BY NAMED PARTY/PARTIES.*

PUBLISHER NAME: M2 Communications
COMPANY NAMES: *Xerox
INDUSTRY NAMES: BUSN   (Any type of business); INTL   (Business,
   International)

   (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...corporate intranet portal (C)1994-99 M2 COMMUNICATIONS LTD RDATE:110199
* Verity to help Xerox index and **retrieve** documents on its corporate intranet Verity, Inc. (Nasdaq: VRTY), today announced that Xerox Corporation (NYSE: XRX) has chosen Verity's Information Server and Verity **Spider** to help Xerox users index, search and navigate all of the documents on Xeroxs corporate intranet. Verity...

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Verity Information Server and Verity **Spider** Prove Capabilities Beyond
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organisations to turn corporate intranets into powerful knowledge bases,
making business information accessible and reusable across...
...tagging, based on matching documents to the key concepts relevant to
individual business organisations * Full text and **metadata** indexing *
Search and retrieval (retrospective search) Easy to install and use, Verity
Information Server includes support for...

...3.51 and Microsoft IIS 4.0, and support for future Web servers from
market leaders. Verity **Spider** offers organisations advanced indexing
capabilities, handling documents with less interruption than its
competitors. Today, organisations use both...

...contains forward-looking statements relating to Verity and the expected
performance of Verity Information Server and Verity **Spider** products. as
well as integration of its products into Xerox and customer environments.
Other risks relating to...

 26/5,K/26   (Item 2 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
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05544603   Supplier Number: 48404542   (USE FORMAT 7 FOR FULLTEXT)
Zanza Web Reports 2.0 Raises the Bar for Interactive Web Reporting; Builds
  On Successful Product Intro With Performance, Functionality and
  Ease-of-Use Enhancements.
Business Wire, p4061211
April 6, 1998
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1066
PUBLISHER NAME: Business Wire
COMPANY NAMES: *Zanza Software Inc.
EVENT NAMES: *336 (Product introduction)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372611   (Network Management Software)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
NAICS CODES: 51121 (Software Publishers)
SPECIAL FEATURES: COMPANY

...   report building faster and easier while improving report
functionality. The new Zanza MetaBuilder makes it easy to **create** and
manage Zanza **metadata** , the **database** schema **abstraction** layer that
simplifies query building, by providing more understandable business views
of the underlying data. The MetaBuilder...

 26/5,K/28   (Item 4 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
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03942318   Supplier Number: 45703186

ABSTRACT:
ICONOVEX of Bloomington, MN, has come out with Anchorpage, a computer
software that makes Web sites more user-friendly. Anchorpage allows Web
site users to utilize key content and key phrases in searching the Web.
Through ICONOVEX's new **product** , users can also compose **presentation**
views, **abstract** views, phrase views and table of contents views. By
selecting which views will be shown to web site users, web site
administrators make searching easier for the users. Anchorpage also
automatically searches databases and composes the views, eliminating the
need for the site administrator to compose web navigation guides manually.
PUBLISHER NAME: North American Publishing Company
COMPANY NAMES: *Iconovex
EVENT NAMES: *330 (Product information)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372420   (Database Software)
INDUSTRY NAMES: BUSN (Any type of business); PUBL (Publishing)
NAICS CODES: 51121 (Software Publishers)
SPECIAL FEATURES: COMPANY

ABSTRACT:
...site users to utilize key content and key phrases in searching the Web.
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views, **abstract** views, phrase views and table of contents views. By
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administrators make searching easier for the users. Anchorpage also
automatically searches databases and composes the views, eliminating the
need for the site administrator to compose web navigation...